

# System Design Document

## 1 Introduction

### 1.1 Purpose and Scope

This section provides a brief description of the Systems Design Document's purpose and scope.

### 1.2 Project Executive Summary

This section provides a description of the project from a management perspective and an overview of the framework within which the conceptual system design was prepared. If appropriate, include the information discussed in the subsequent sections in the summary.

#### 1.2.1 System Overview

This section describes the system in narrative form using non-technical terms. It should provide a high-level system architecture diagram showing a subsystem breakout of the system, if applicable. The high-level system architecture or subsystem diagrams should, if applicable, show interfaces to external systems. Supply a high-level context diagram for the system and subsystems, if applicable.

#### 1.2.2 Design Constraints

This section describes any constraints in the system design (reference any trade-off analyses conducted such, as resource use versus productivity, or conflicts with other systems) and includes any assumptions made by the project team in developing the system design.

#### 1.2.3 Future Contingencies

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### 1.3 Document Organization

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### 1.4 Points of Contact

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### 1.5 Project References

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## **1.6 Glossary**

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## **2 System Architecture**

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### **2.1 System Hardware Architecture**

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### **2.2 System Software Architecture**

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### **2.3 Internal Communications Architecture**

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## **3 File and Database Design**

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### **3.1 Database Management System Files**

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### **3.2 Non-Database Management System Files**

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## **4 Human-Machine Interface**

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### **4.1 Operational Scenario(s)**

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### **4.2 Inputs**

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## **4.3 Outputs**

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# **5 Detailed Design**

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## **5.1 Hardware Detailed Design**

Test

## **5.2 Software Detailed Design**

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## **5.3 Internal Communications Detailed Design**

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# **6 External Interfaces**

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## **6.1 Interface Architecture**

Test

## **6.2 Interface Detailed Design**

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# **7 System Integrity Controls**

The system does not use any information that could affect the conduct of state programs or the privacy to which individuals are entitled. Thus, this section is not applicable.

Appendices